

1 13. (currently amended) One or more computer readable media
2 comprising computer executable instructions that, when executed, direct a
3 computer to implement a method comprising:

4 identifying a syntax-independent programming intent represented as a first
5 node of a data structure, the first node representing a syntax-independent
6 programming intent;

7 identifying a second further node of the data structure, the further second
8 node being based on referenced from the first node and containing data; and

9 identifying a unique name for code associated with the syntax-independent
10 programming intent.

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12 14. (previously amended) One or more computer readable media as
13 recited in claim 13, further comprising computer executable instructions that,
14 when executed, direct the computer to implement the method further comprising
15 executing the code identified by the unique name.

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17 15. (previously amended) One or more computer readable media as
18 recited in claim 13 wherein the code comprises low level computational
19 constructs.

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21 16. (currently amended) One or more computer readable media as
22 recited in claim 13 wherein the first node, the second node, and additional nodes
23 of the data structure comprise a hierarchical tree of nodes, each identifying that
24 each represent a syntax-independent programming intent.
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17. (currently amended) A method of handling data, ~~the method~~
comprising:

reading a syntax-independent programming intent represented as a first
node of a hierarchical tree, ~~the first node representing a syntax-independent~~
~~programming intent;~~

identifying a ~~further~~ second node of the hierarchical tree, the ~~further~~ second
node being ~~based on~~ referenced from the first node and containing data; and

identifying a unique name for code associated with the syntax-independent
programming intent.

18. (previously amended) A method as recited in claim 17 further
comprising executing the code identified by the unique name.

19. (previously amended) A method as recited in claim 17 wherein
the code comprises low level computational constructs.

20. (currently amended) A method as recited in claim 17 wherein
the first node, the second node, and additional nodes comprise the hierarchical
tree, and wherein each of the first node, the second node, and the additional nodes
identifying each represent a programming intent.

21. (currently amended) ~~A data structure stored on one~~ One or more computer readable media, the configured to maintain a data structure that is a syntax-independent representation of a program, the data structure comprising:

a first node received as an input and configured for display as a representation representative of a syntax-independent programming intent;

a second node having data ~~to be manipulated~~ configured for manipulation when implementing the syntax-independent programming intent; and

wherein the first node has a unique identifier of the second node, and the first node uniquely identifies code for implementing the programming intent.

22. (currently amended) A data structure as recited in claim 21 wherein one or more additional nodes comprise a hierarchical tree of nodes that are each ~~representative~~ received as an input and configured for display as a representation of a syntax-independent programming intent, and wherein each of the one or more additional nodes ~~node~~ uniquely identifies identify code for implementing the respective programming intent.

23. (previously amended) A data structure as recited in claim 22 wherein the one or more additional nodes comprise nodes selected from multiple different computational constructs.

24. (previously amended) A data structure as recited in claim 21,
wherein the data structure further comprises:
a node type tag and unique identifier pointing to implementation code;
an optional data section; and
a list of offspring of the node identified by the node type tag and a list of
pointers to further nodes.

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